

Algebra 1  
Mrs. Arot/Mrs. Britton  
Section 3.4B: Distributive Property

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each equation. **\*\*SHOW ALL YOUR WORK\*\***

1. $18 = 3(3x - 6)$	2. $30 = -5(6n + 6)$
3. $37 = -3 + 5(x + 6)$	4. $-13 = 5(1 + 4n) - 2n$
5. $4(-x + 4) = 12$	6. $-2 = -(n - 8)$

7. $-6(1-5x) = 54$	8. $8 = 8v - 4(v+8)$
9. $10(1+3b) = -20$	10. $-5n - 8(1+7n) = -8$